



Memo

To: State of Nevada Operator Certification Advisory Board
From: Annette Guthrie
CC: Geoff DaForno
Date: September 26, 2006
Re: September 2006 Operator Certification Exam Analysis

The following results from the September testing cycle is divided into three different regional areas, the North, the Central and the South. The exam results were reviewed and an analysis was completed based on the September 13th 2006 exam scores. This analysis was based on the results from the September testing that took place for Water Distribution Operators of Nevada. For each testing cycle the intention of each analysis is to provide the instructors with feedback on areas of deficiencies identified for the state.

Grade 1-Distribution

The North had the following five topics as the most missed on the Grade 1 Water Distribution Operator Exam:

- Pumps and Motors
- Safety
- Distribution System Operation
- Water Quality
- Piping

The Central area had the following five topics as the most missed on the Grade 1 Water Distribution Operator Exam:

- Water Quality

- Pumps and Motors
- Piping
- Distribution System Operation
- Safety

The South had the following five topics as the most missed on the Grade 1 Water Distribution Operator Exam:

- Water Quality
- Distribution System Operation
- Pumps and Motors
- Sources of Supply
- Safety

Grade II- Distribution

The North had the following five topics as the most missed on the Grade II Water Distribution Operator Exam:

- There was no topic that was missed more than others. Statistically, they were all the same.

The Central area had the following five topics as the most missed on the Grade II Water Distribution Operator Exam:

- Distribution System Operation
- Piping
- Disinfection
- Water Quality
- Pumps and Motors

The South had the following five topics most missed on the Grade II Water Distribution Operator Exam:

- Pumps and Motors
- Disinfection
- Sources of Supply
- Disinfection

- Distribution System Operation

Grade III – Distribution

The North had the following five topics as the most missed on the Grade III Water Distribution Operator Exam:

- There were no examinees for this area for the September 13th, 2006 testing cycle.

The Central area had the following five topics as the most missed on the Grade III Water Distribution Operator Exam:

- Distribution System Operation
- Pumps and Motors
- Safety
- Disinfection
- Water Quality

The South had the following five topics as the most missed on the Grade III Water Distribution Operator Exam:

- Safety
- Distribution System Operation
- Water Quality
- Pumps and Motors
- Piping

Grade IV- Distribution

The North had the following five topics as the most missed on the Grade IV Water Distribution Operator Exam:

- There was no topic that was missed more than others. Statistically, they were all the same.

The Central area had the following five most missed topics on the Grade IV Water Distribution Exam:

- Water Quality
- Piping
- Pumps and Motors
- Electricity

- Sources of Supply

The South had the following five topics as the most missed on the Grade IV Water Distribution Operator Exam:

- Electricity
- Sources of Supply
- Water Quality
- Distribution System Operation
- Safety

This analysis is done to identify deficiencies by region for educational information only. We hope this will assist in providing the necessary information to education providers.